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TIMBERS OF THE NEW WORLD

Samuel J. Record and Robert W. Hess

Yale University Press. 1943

Review by Quincy Randles, Assistant Regional Forester
Forest Service, Albuquerque, New Mexico

The book, according to the authors, describes trees, their range, sizes attained, evaluates their present and potential importance, supplies the basis for tree and wood identification, correlates vernacular, trade and scientific names and indicates present and potential sources of rubber, resins, oil, tanning, dye stuffs, etc. The timbers are classified as to their properties and uses. The size of the job of marshalling the known data for over a thousand genera covered in this book is staggering. TIMBERS OF THE NEW WORLD covers 640 pages including the index, but excluding 22 plates of photomicrographs.

The war effort and the far flung operations of the Allies all calling for woods to meet common special needs, and the blocking of certain common sources of supply forcing these to be met from less known localities make the information presented not only timely but of real practical help in the problem of locating suitable supplies.

The book, in the opinion of the reviewer, will be helpful not only to the scientist but to those interested in trees and the contribution that trees can so freely make in meeting man's needs.

OTHER FORESTRY PUBLICATIONS OF INTEREST

Aerial delivery of firefighting supplies and equipment. USDA Forest Service, 1940.

Fireman's Guide. USDA, Forest Service. Region 1. 1940.

History of smokejumping in the Forest Service. USDA, Forest Service, 1942.

Louisiana Forest Resources and Industries. USDA. MP-519. 1943.

My first jump to a fire. (Personal experiences of 16 smokejumper-firemen.)
USDA, Forest Service. 1941.

CHEMISTRY OF INSECTICIDES AND FUNGICIDES

Donald E. H. Frear

D. Van Nostrand Company. 1942

Review by Irwin H. Roberts, Assistant Veterinarian
Zoological Division, Bureau of Animal Industry
Albuquerque, New Mexico

The study of insecticides has in very recent years become virtually a science in itself. Entomologists, plant pathologists, veterinarians, zoologists, chemists and biochemists have contributed such a wealth of information to this field during the past three decades, that the subject can no longer be considered incidental to other scientific pursuits. In answer to a very definite need, this text-book is the outgrowth of Professor Frear's lecture notes and reference compilations in connection with his course on the chemistry of Insecticides and Fungicides, currently offered at the Pennsylvania State College. It is a reference work to which teachers and research workers, particularly, of course, in economic entomology, plant pathology and horticulture, may turn for information concerning the composition, properties and reactions of the various chemicals used to control insects and plant diseases.

OTHER PUBLICATIONS ON INSECTICIDES AND FUNGICIDES

A list of commercially available detergents, wetting, dispersing, and emulsifying agents. USDA. Bureau of Entomology & Plant Quarantine. 1940.

A review of the insecticidal uses of rotenone and rotenoids from derris, lonchocarpus (cuba and timbo), tephrosia, and related plants. USDA, Bureau of Entomology & Plant Quarantine. 1942.

Spray residue removal from apples and other fruits. USDA FB-1752. 1943.

The story of phenothiazine. Du Pont De Nemours & Co. 1943.

The use of phenothiazine as an insecticide. USDA. Bureau of Entomology & Plant Quarantine. 1937.

BEEES

THE ABC AND XYZ OF BEE CULTURE. Amos Ives Root. A. I. Root Co. 1940.

An encyclopedia pertaining to scientific and practical culture of bees.

The dependence of agriculture on the beekeeping industry - a Review. USDA Bureau of Entomology & Plant Quarantine, Division of Bee Culture. 1942.

Information about bee culture. USDA, Bureau of Entomology & Plant Quarantine, Division of Bee Culture. April, 1943.

A list of publications on bee culture, bee supply houses, and beekeeper's organizations.

CONSERVATION, Natural resources

DESERTS ON THE MARCH. Paul B. Sears. Univ. of Oklahoma Press. 1935.

Dust storms obscured the sun for days at a time in the Great Plains Area when the author began writing DESERTS ON THE MARCH. It is written in popular style and is a very interesting discussion of the economic and social background of land use; as well as proper and improper land use practices.

Dad preaches conservation. Gwen Hunsaker. (Daughter of a member of the board of Supervisors, Northern Utah Soil Conservation District) SOIL CONSERVATION MAGAZINE. September, 1943.

TO HOLD THIS SOIL. Russell Lord. USDA MP-321. August, 1938.

Mr. Lord is a noted author and a fine writer. Furthermore he knows the land and he has at his fingertips many ingenious schemes of writing which he has used in this story of migration and land exploitation in this country. Conservation is woven into the tapestry of the story, and after you have read it you will feel the scope of the problem as never before.

SOIL CONSERVATION. H. H. Bennett. McGraw-Hill. 1939.

Most great movements of history have their fiery apostles, their practical leaders, and their chronicles. Seldom are these three functions combined in one individual as Dr. Bennett combines them in the campaign to restore the diseased landscape of this great Nation. There is no need, however, for the book to rest on its symbolic importance. It is, in its own right, one of the most useful books released from an American press in recent years. It consists of 43 chapters, carefully indexed, and illustrated from the files of the Soil Conservation Service which Dr. Bennett heads. The simplicity and clarity of the language, even when dealing with technical matters, is remarkable.

ECONOMICS

LEADERSHIP FOR RURAL LIFE. Dwight Sanderson. Associated Press. 1940.

Agricultural workers and others who are charged with assisting in the development of programs to meet not only current needs, but also the changed needs of the world which may emerge from the present upheaval, are vitally concerned with questions of leadership. Their primary job is to help the community analyze its problems, and to organize itself that the necessary action can be taken.

PUEBLO INDIAN LAND GRANTS OF THE "RIO ABAJO", NEW MEXICO. Herbert O. Brayer. University of New Mexico Press. 1939.

An introduction to the investigation of the complex Spanish and Mexican land grant problem in New Mexico and the Southwest.

RURAL LIFE IN PROCESS. Paul H. Landis. McGraw-Hill Co. 1940.

In this volume the author has analyzed rural society in the United States from a very broad standpoint.

ENGINEERING

The control of Reservoir Silting.. Carl B. Brown. USDA., MP-521. 1943.

Devices for measuring rates and amounts of runoff employed in Soil Conservation Research, compiled for Latin American Trainees. L. L. Harrold and D. B. Krimgold. USDA. SCS. 1943.

LAND DRAINAGE AND FLOOD PROTECTION.. Bernard A. Etchevvery. Stanford University, California. 1940.

FOOD

Commercial dehydration of vegetables and fruits in wartime. USDA.. MP-524.

FOOD PROCESSING; A GUIDE TO SELECTING, PRODUCING, PRESERVING, AND STORING THE FAMILY FOOD SUPPLY. A. O. Duncan. T. E. Smith & Co. 1943.

Handbook for workers in school-lunch programs with special reference to volunteer service. USDA. Food Distribution Administration.. 1943.

Food production policies in wartime. Sherman E. Johnson. From: Journal of Farm Economics. August, 1943.

Our food future begins now. Speech by F. A. Flood, Assistant to War Food Administrator, before "Our Future World" Forum in New York City. Sept. 1943.

Preservation of vegetables by salting or brining. USDA. FB-1932. 1943.

A start toward freedom from want. The story of the United Nations Conference on food and Agriculture. United Nations Information Office. 1943.

HISTORY, Southwest

A history of livestock raising in the United States, 1607-1860. James Westfall Thompson. USDA. B.E. Agric. History Series No. 5. 1942.

THE RANGE CATTLE INDUSTRY. E. E. Dalo. Univ. of Oklahoma Press. 1930.

A brief history of the growth and subsequent decline of the ranch industry on the Great Plains, and of the establishment and development of relations between that region and the corn belt farther east.

RIO GRANDE. Harvey Fergusson. Alfred A. Knopf. 1936.

An interesting narrative with the Rio Grande basin in New Mexico as its central scene. This book is an attempt to portray a region, both as it is today and as it has been.

RANGE MANAGEMENT

Grass grows in summer or not at all. Arizona tests on yearlong ranges indicate that approximately 93% of the yield from perennials occurs during this season - only reliable basis of stocking. Matt Culley. From: THE HEREFORD JOURNAL. September 1, 1943.

How to reseed Utah range lands. Intermountain Forest and Range Experiment Station June, 1943.

SEED

Harvesting, cleaning and storing grass seeds for conservation and food production. USDA. SCS. Fort Worth, Texas. Sept. 1943.

SEED TRADE BUYERS GUIDE. National Seedman Publications. Chicago. 1943.

Aside from being a seed buyers guide, this book contains a wealth of other useful information such as: List of noxious weeds, charts showing nutrient values of different vegetables, planting charts including seasons and soils, seed germination tables, state seed laws, insecticides and fungicides and spraying information.

PERSONNEL

ADMINISTRATIVE MANAGEMENT, principles and techniques. USDA Graduate School. Washington, D. C. 1938.

Several years ago in a message to Congress, the President said, "The administrative management of the government needs overhauling". As government employees, it behooves us all to inform our selves on what is meant by administrative management - its principles and techniques.

PUBLIC SPEAKING FOR TECHNICAL MEN. S. M. Tucker. McGraw-Hill Book Co. 1939.

One purpose of the book is to encourage technicians to speak more often in their capacity as a citizen, like other men with trained minds, good-will, and a sense of civic responsibility. Subject matter may vary, but human nature abides. Therefore, from the point of view of the entire book, a speakers chief business is to hold attention.

WRITING THE TECHNICAL REPORT. J. R. Nelson. McGraw-Hill Co. 1940.

Since a report is fundamentally the communication of information or counsel which is desired and which will be used by someone for a particular end, its success depends primarily on its being planned carefully to meet all the conditions under which it is to serve.

WAR BACKGROUND

Island peoples of the Western Pacific, Micronesia and Melanesia. Smithsonian Institution War Background Studios. No. 16.

SUYE MURA, A JAPANESE VILLAGE. John F. Embree. Univ. of Chicago Press. 1939.

The purpose of this book is to present an integrated social study of a typical peasant village in rural Japan. Suve Mura is located on a main southern Japanese island not far from some of the prison camps where prisoners of war from the Southwest are being held.

WILDLIFE

THE DUCKS, GEESE AND SWANS OF NORTH AMERICA, a vade mecum for the naturalist and the sportsman. F. H. Kortright. American Wildlife Inst. 1943.

The sportsman will find the answers - in plain everyday language - to almost any conceivable question which may arise about any species of duck or goose which comes to bag.

FIELD BOOK OF FRESH-WATER FISHES OF NORTH AMERICA, NORTH OF MEXICO.. Ray Schrenkeisen. G. P. Putnam's Sons. 1938.

INTRODUCING INSECTS, A book for beginners. James G. Needham. Jaques Cattell Press. Pa. 1940.

This book is intended for people who want a little information about common insects, presented in language that any one can understand. The insects are called by their common names. With the aid of good pictures, something is told of what they are like and where they are found and what they do in the world.

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